

The Virginia Annual Recycling Rate Report

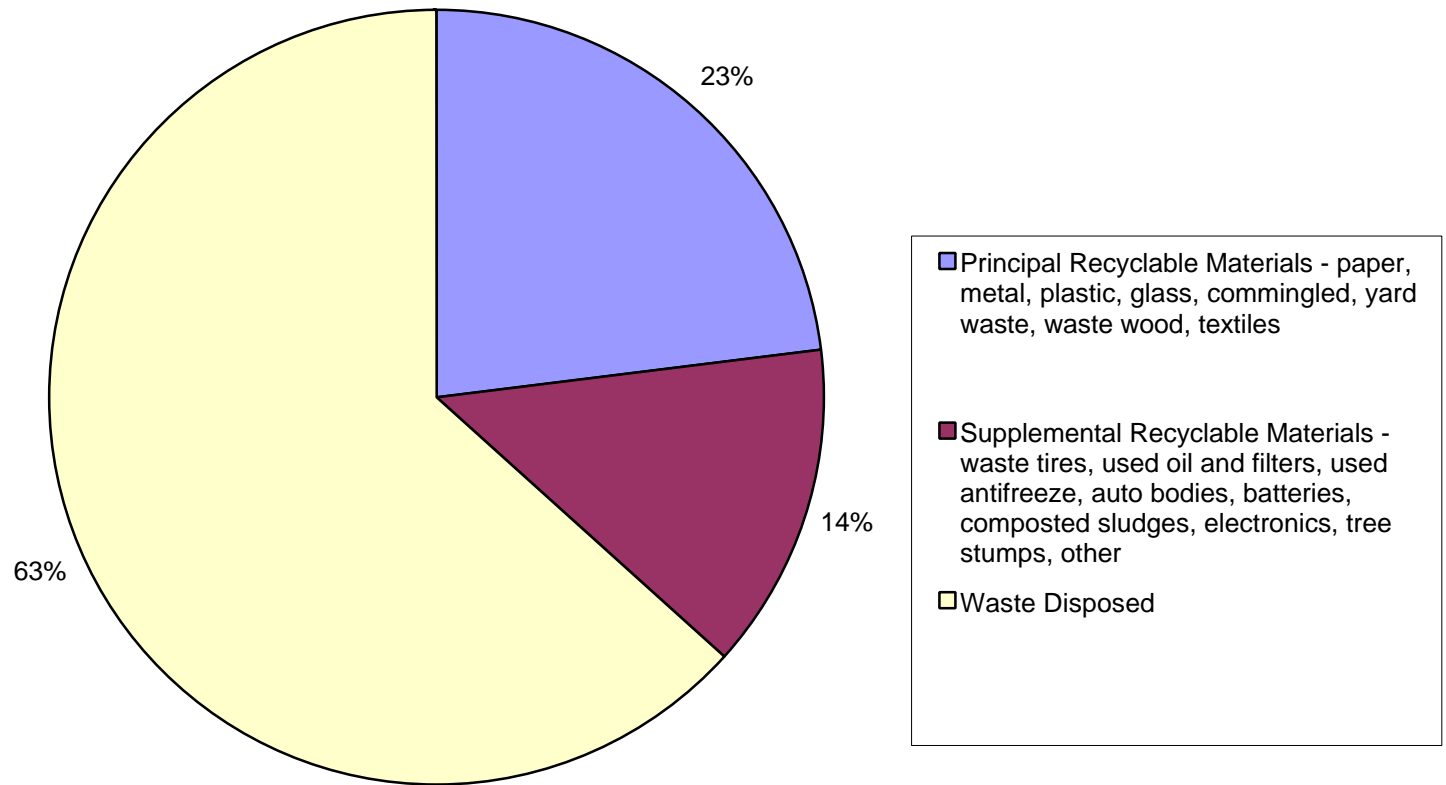
Calendar Year 2002 Summary



November 2003

Recycling in Virginia, CY 2002

Statewide Recycling Rate of 36.75%



Recycling Rate Report Summary

Virginia Localities Reporting Rate Information for CY 2002

As of August 5, 2003, **98 Recycling Rate Reports**, representing **326 Virginia localities** and **70 Solid Waste Management Planning Units** had been received. This represents a return rate of 100%. Totals for all reports are presented below:

Principal Recyclable Material (PRM)		Supplemental Recyclable Material (SRM)				Total MSW Disposed	
		Recycled SRM		Reused SRM			
Paper	872,047.93	WasteTires	55,888.02	Const. Waste	191,684.31	Household Waste	4,874,812.31
Metal	570,871.44	Used Oil	62,786.91	Demol. Waste	66,970.61		
Plastic	134,447.21	Used Oil Filters	1,009.00	Debris Waste	21,954.70	Commercial Waste	1,986,242.47
Glass	72,579.70	Used Antifreeze	4,914.46	Ash	569,352.30		
Commingled	66,279.56	Auto Bodies	116,453.69	Other:	61,557.94	Institutional Waste	190,638.66
Yard Waste	540,282.12	Batteries	9,654.96				
Waste Wood	361,565.08	Sludge (Composted)	76,498.76			Other:*	182,078.60
Textiles	23,206.24	Electronics	891.55				
		Tree Stumps (>6" Diameter)	66.90			TOTAL (M) (Tons)	7,233,772.04
Total PRM (P) (Tons)	2,641,279.27	Other:	322,886.99				
		TOTAL Recycled SRM (Tons)	651,052.24	TOTAL Reused SRM (Tons)	911,519.86	(P+S)/(P+S+M) x 100	36.75%
						* May include total amounts of SRM generated	
			Total SRM (S) (Tons)	1,562,572.10			

Note: Summary information presented is based upon "as reported" recycling rate data submittals.

Table 1 - Solid Waste Managed in Virginia - 2002 (in Tons)

Waste Type/Method	Received¹	Recycled²	Composted	Landfilled	Incinerated	Sent Off Site	Stored On Site	Other³
Municipal Solid Waste	14,856,276.64	7,519.15	0.00	9,225,863.06	2,102,921.80	3,512,208.26	8,300.00	0.00
Construction / Demolition / Debris	3,813,476.25	32,397.07	0.00	3,456,859.40	1,200.00	321,539.50	1,511.00	0.00
Industrial Waste	637,173.58	25,426.53	0.00	570,973.19	0.00	40,774.21	0.00	0.00
Regulated Medical Waste	24,590.54	0.00	0.00	0.00	8,724.32	429.38	0.00	15,437.04
Vegetative/Yard Waste	641,273.43	15,065.66	220,656.03	56,032.89	20,036.85	269,973.26	32,434.79	21,327.51
Incineration Ash	813,504.05	7,103.16	0.00	800,150.04	0.00	386,669.02	0.00	0.00
Sludge	498,457.14	8,089.00	5,652.93	474,626.15	8,191.81	1,897.04	0.00	0.00
Tires	94,251.50	8,026.17	0.00	25,759.70	937.93	55,452.29	4,032.78	0.00
White Goods	69,295.37	3,137.71	0.00	8.00	0.00	65,608.58	614.45	0.00
Friable Asbestos	7,017.97	0.00	0.00	6,988.14	0.00	29.83	0.00	0.00
Petroleum Contaminated Soil	454,964.59	128,335.95	0.00	316,683.50	0.00	1,297.34	8,647.80	0.00
Other Waste	1,012,432.36	101,643.57	0.00	759,197.64	13,683.27	87,998.10	6,174.67	49,061.22
Total:	22,922,713.42	336,743.97	226,308.96	15,693,141.73	2,155,695.98	4,743,876.81	61,715.49	85,825.77

¹ The amount of waste "Received" may not precisely match the sum of the reported amounts for each method of management. This difference reflects information submitted in the reporting tables.

² The majority of recycling takes place at facilities that do not require a permit from the Department and were not required to submit data for this report. Therefore, the amounts shown in this column represent a substantial underestimate of the true recycling rate in the Commonwealth. Based on the local government recycling reports, the statewide average recycling rate for calendar year 2001 was 37.78%. See <http://www.deq.state.va.us/recycle/mandatory.html>. A report on the statewide recycling rate for calendar year 2002 will be issued later this year.

³ "Other" methods of management may include steam sterilization of medical waste, approved use of shredded tires at permitted facilities, and thermal treatment of PCS, among others.

CY 2001/CY 2002 Recycling Rate Reports

DATA SUMMARY

SWPU	RATE - CY 2001	RATE - CY 2002
Accomack-Northampton PDC	34.11	13.83
Alexandria	31.39	28.04
Alleghany Highlands	16.16	37.71
Amherst County	16.50	22.65
Appomattox County	15.00	16.17
Arlington County	35.78	31.69
Bath County	24.84	9.21
Bedford	44.80	41.16
Bedford County	18.50	21.00
Botetourt County	28.98	31.80
Brunswick County	1.83	55.09
Campbell County	35.48	34.25
Caroline County	30.22	10.09
Carroll-Grayson-Galax	12.63	19.74
Central Shenandoah PDC	34.62	38.21
Central Virginia WMA	43.90	27.85
Craig County	17.90	18.11
Crater PDC/Southern Crater Region	29.97	22.56
Culpeper County	31.84	25.08
Cumberland Plateau Regional WMA	44.15	44.77
Danville	49.34	39.72
Fairfax City	45.85	47.75
Fairfax County	34.18	32.01
Falls Church	53.36	50.51
Floyd County	5.72	19.62
Franklin County	11.79	15.95
Giles County	16.29	26.94
Gloucester County	28.52	36.58
Greater Rockingham SWPU	33.49	32.97
Halifax County	23.03	38.05
Harrisonburg	29.18	39.83
Henry County	28.59	56.91
Herndon	39.25	36.38
Highland County	17.66	21.87
King George County	48.75	47.68
Lee County	15.05	14.62
Loudoun County	28.49	21.06
Lynchburg	46.97	37.74
Manassas	28.99	27.92
Manassas Park	2.72	12.26
Mecklenburg County	46.38	29.58

SWPU	RATE - CY 2001	RATE - CY 2002
Montgomery County	26.67	32.99
Mount Rodgers	31.53	27.72
Newport News	42.74	42.91
New River Resource Authority	10.81	19.61
Northern Neck PDC	28.25	25.07
Northern Shenandoah Valley RC	22.41	46.20
Nottoway County	49.65	45.77
Patrick County	91.99	88.65
Piedmont Planning District	25.07	21.56
Pittsylvania County	32.66	26.01
Prince William County	33.70	33.09
Rappahannock-Rapidan Planning District	32.80	37.77
Rappahannock Regional SWMB	26.55	29.73
Roanoke	55.46	49.26
Roanoke County	27.06	25.08
Rockbridge County	42.00	56.41
Salem	25.02	25.97
Scott County	3.40	11.78
Southeastern Public Service Authority	35.73	31.86
Spotsylvania County	34.40	33.73
Staunton	54.85	27.08
Tazewell County	34.83	38.84
Thomas Jefferson Planning District	30.31	30.54
Vienna	47.96	44.36
Virginia Beach		38.69
Virginia Peninsulas Public Service Authority	56.58	59.45
Waynesboro	49.14	76.18
Wise County	21.78	25.13
Wythe-Bland	12.86	24.34
Less Than 25%	19	19
State-wide Average Recycling Rate (%)	37.78	36.75